

Hallett 30

Municipal & Industrial Ultraviolet Water Purification Systems

Model: H30 1" Drinking Water: 120 Volt C000009; 240 Volt C000013
 H30 1.5" Drinking Water: 120 Volt C000011; 240 Volt C000012



Close up of 4-20 mA Digital Display



NSF/ANSI 55 CLASS A CERTIFIED

4-20mA Unit

Applications

The 4-20mA unit allows for remote monitoring of your Hallett system. It provides analog output of UV Intensity and Net UV Transmittance (UVT) from a Hallett system. It is a loop-powered transmitter that can be used with any device that requires a 4-20mA signal for logging purposes or for process control.

Product Features

- LCD Display - an LCD display is a standard feature indicating both UV Sensors' input values and transmitted values.
- UV Intensity Output – a normalized signal (0-100%) proportional to the UV intensity of the UV lamp is transmitted.
- Net UV Transmittance (UVT) Output – a normalized signal (0-100%) proportional to the Net UV Transmittance of the water is transmitted.
- Factory Calibrated – both span and offsets are preset for immediate field use.
- Mounted On Board – the 4-20mA unit is installed within the Hallett 30 unit with the display located on the front panel.

Specifications

Operating Range: - 4-20mA loop output, 0-2.5Vdc input	Output Response Time: -1 second ††
Loop Voltage (supplied by others): - 10V minimum, 35V maximum	Operating Temperature Range: - 40F to 100F, 5C to 40C
Load Resistance: - Max 650W @ 23V, 35V maximum	Electrical: - Digitally isolated reverse polarity protection over-voltage protection
Accuracy: - 2% F.S. (full scale)†	Connections: - Spring cage terminals for output

† The accuracy depends on condition of the Hallett unit - the unit must be in good operating condition.
 †† The display is updated every second however during a cleaning cycle of the Hallett unit, the output is held steady.

Printed in Canada Rev. 02/06/06

Pure, safe water.



Always.™